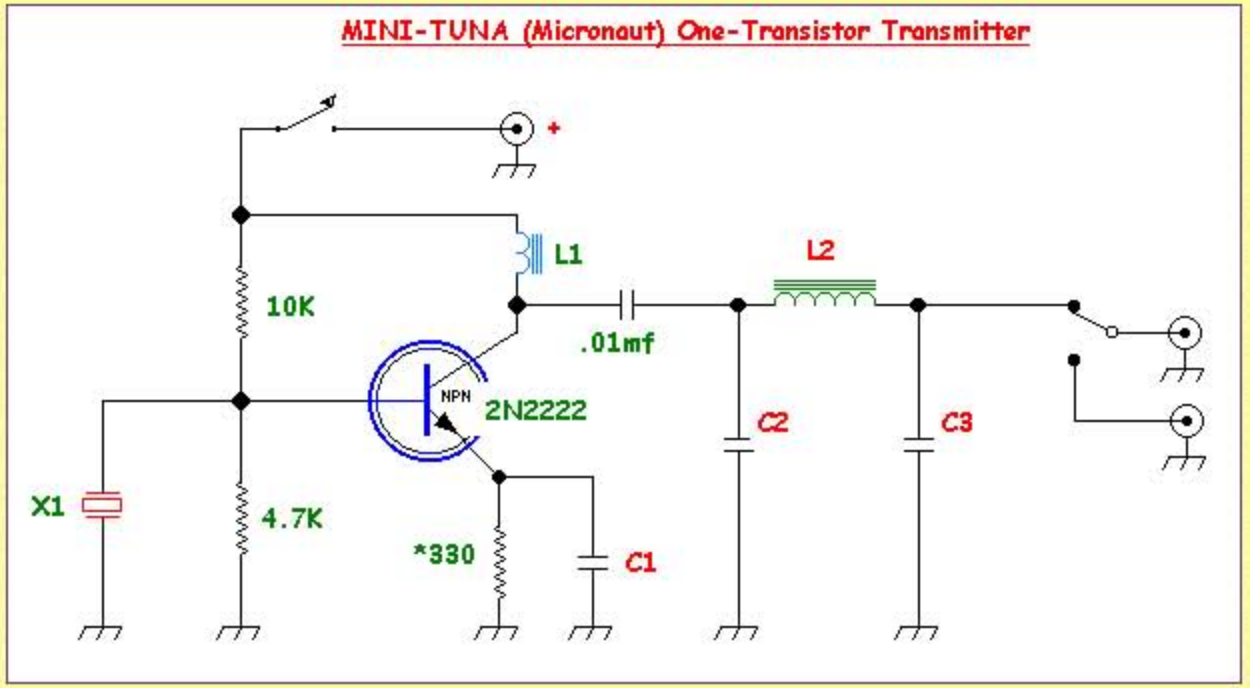
The circuit is pretty simple. Antenna switching is done right at the transmitter, just like the Tuna Tin. Here is everything you should need to build the circuit:



The emitter resistor (*330 ohms) can be varied to increase or decrease output levels. I ended up with around 270 ohms. Going too low in value will cause excessive heating or transistor failure. L1 is a small RF choke made by winding three or four turns of #32 wire on a small ferrite bead.

If you want to try different bands, here is the information required:

BAND	C1	C2	C3	L2	uHy
20m	270 pFd	270 pFd	270 pFd	12 turns #28 or #30 on T-50-2 core	.720
30m	330 pFd	330 pFd	330 pFd	13 turns #28 or #30 on T-50-2 core	.980
40m	470 pFd	470 pFd	470 pFd	16 turns #28 or #30 on T-50-2 core	1.280
80m	750 pFd	750 pFd	750 pFd	34 turns #30 or #32 on T-50-2 core	5.780